

Abstract of Disclosure

Systems and methodologies are provided as part of a computing environment that implements an enhanced tabular data stream (TDS) protocol. Such enhanced TDS protocol can mitigate synchronization inconsistencies between client and servers, improve robustness of the data transfer, facilitate password specification as part of login procedures, and reduce administration overhead. Various headers are provided as part of the data stream protocol, and a versioning scheme is established that facilitates proper communication between servers and clients having different release dates and versions of the TDS protocol.